



DSM2 User Group Meeting Agenda

Tuesday, February 17, 1:30 pm — 4 pm
Resources Building, 1416 9th Street, **Rm. 210**
Conference Line #: 916-574-1223
Sacramento, CA

Updates

- ☐ Delta Modeling Section General Activities (Tara Smith, DWR)
- ☐ Apply DETAW with Channel Depletion to DSM2 EC Simulation (Lan Liang, DWR)
- ☐ DSM2UG 2014 Survey Results (Min Yu, DWR)

Presentations

- ☐ Historical Delta Hydrodynamics using DSM2 (Chandra Chilmakuri, CH2M HILL)
- ☐ Animation of DSM2 Outputs in ArcMap (Siqing Liu, DWR)
- ☐ Determining Daily Effective Outflow by Measuring the Daily Bottom X2 (3,830 uS/cm) (Russ Brown & Anne Huber, ICFI)

"We have been estimating daily Delta outflow from a water budget since D-1485 (1978) and realize that the channel depletion term is uncertain. Anne and I have evaluated the daily EC records from 2014 (relatively low outflow) and determined that the daily effective outflow (which controls salinity) can be estimated from the measured daily average X2 (bottom EC of 3,830 uS/cm). The daily EC at each monitoring station can then be calculated with a negative exponential function of the effective outflow (i.e., second half of G-model formulation). The effective outflow does not have as long of a delayed response (i.e., moving average) as the Kimmerer-Monismith equation would indicate. Come help us evaluate (discuss and confirm) this new idea."

— Russ Brown